

CLAIMS:

1 - Quick connecting device for ducts in motor vehicles intended for quick connecting the end (60) of a first duct to the end (50) of a second duct, said one end  
5 (60) of said first duct being adapted for snugly receiving a fastening clip (100) intended to hold axially in place the ends of both ducts, the outer surface of the end (50) of said second duct being adapted for being housed inside the end (60) of said first duct and said end (50) having a  
10 circumferential groove (51) in the outer surface thereof, characterized in that, when assembled, the end (60) of the first duct is adapted to extend outward to said end (50) of said second duct without covering said circumferential groove (51) thereof, the surface of the end (60) of said  
15 first duct having outer protrusion (62, 63) defining respective inner recesses adapted for receiving sealing gaskets (65, 66).

2 - Quick connecting device for ducts in motor vehicles as claimed in claim 1, characterized in that said  
20 fastening clip (100) is provided with two substantially U-shaped coupling members (101, 102), one of which being fitted into said circumferential groove (51) of the end (50) of said second duct and the other one being fitted into the groove (61) defined between said outer protrusions  
25 (62, 63) of the end (60) of said first duct.

SUMMARY.

"QUICK CONNECTING DEVICE FOR DUCTS IN MOTOR VEHICLES,"

5           It allows quickly and effectively coupling a  
first duct end (female member) and a second duct end (male  
member). The male member includes an outer circumferential  
groove and the female member has two outer protrusions  
defining respective inner recesses adapted for receiving  
10   sealing and locking gaskets. When assembled, the female  
member extends to the male member without covering the  
circumferential groove thereof. A fastening clip is  
provided fitted into the groove of the male member and also  
into the groove defined between said protrusions of the  
15   female member, holding them axially in place.